

# THE TURNTABLE

VOL. 3 NO. 8

RICHMOND, INDIANA

OCTOBER 1967

## LOBBY GETS NEW LOOK

Renovation of our lobby area is now taking place with the first phase already completed. This consisted of erecting a wall between the lobby and the Personnel Office and paneling all the interior plus installing a drop ceiling.

At the same time Purchasing Offices were moved to a location just off the lobby in an area formerly part of Matrix. These offices, too, have been paneled with drop ceilings installed and have a very attractive appearance.

New furniture is being ordered for the lobby area and the central telephone control will also be located there when the new telephone system is completed. In place of a Pinkerton Guard during the day shift a receptionist will greet visitors and job applicant. The Pinkerton Guards will continue to be stationed in the lobby area during second and third shifts.

### LESLIE CORN

We were very saddened to learn that following a long illness Leslie Corn passed away on October 5, 1967.

Leslie had been an employee of Mercury since May 18, 1961, and was working as a Control Center Clerk at the time that her illness forced her to take a leave of absence some months ago. Prior to this job she had been a Mail Clerk and was well known to all employees in the plant.

Our sincere condolences to Leslie's family. We will remember her gay spirit and bright personality.

## TO WHOM IT MAY CONCERN

You say you love me, but sometimes you don't show it. In the beginning, you couldn't do enough for me. Now, you seem to take me for granted .... Some days I even wonder if I mean anything to you at all.

Maybe when I'm gone, you'll appreciate me and all the things I do for you. I'm responsible for getting food on your table, for the clean shirt you wear each day, for the welfare of your home ---- for the thousand and one things you want and need. Why, if it weren't for me, you wouldn't have a car to drive!

I've kept quiet and waited to see how long it would take for you to realize how much you really need me.

Cherish me . . . . take good care of me AND I'll take good care of you.

Who am I?

I'm your JOB!

Enjoy your work today! Enjoy the people you work with! You won't get another chance to enjoy this day.

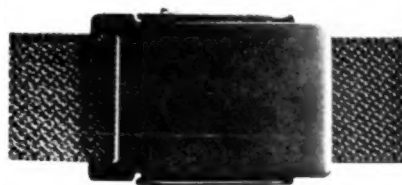
## CREDIT UNION NEWS

Gerald Sharp

Did you know Christmas is only ten weeks away. The Credit Union can serve as your Christmas Savings Account. Come in to the Credit Union Office on Tuesday or Thursday, 2:30 to 3:30 P.M. and let us increase your present deduction to cover that added expense that comes once a year.

We extend a special welcome to any employee who is not presently a member to come to our office and open a savings account now. There were 20 new members signed up for payroll deduction in the month of September. We have 5 in the month of October. Our goal for October is to top the 20 signed up in September.

Would you rather buckle this...



or this?



## GOLD RECORD AWARDS

CHICAGO -- The 4 Seasons gained the unusual distinction this week of being notified of twin Gold Record awards by the Record Industry Association of America. Lou Simon, Product Manager of Philips Records, for whom they record exclusively, was notified this week by Henry Brief, executive director of Record Industry Association of America, that the Seasons acquired their third Gold Record Award for \$1,000,000 worth of sales of their Philips album, "2nd Gold Vault of Hits." Lead Singer Frankie Valli was similarly honored with a Gold Record for his first Philips single, "Can't Take My Eyes Off You," which was certified for selling 1,000,000 units.

Previously, the Seasons had received Gold Record awards for their Philips' single, "Rag Doll," (1964); and their album, "Gold Vault of Hits" (1966).

from the Philips Publicity Dept.  
35 E. Wacker Drive  
Chicago, Ill. 60601

## MERCURY LEADS IN CASSETTE RELEASES

CHICAGO -- Mercury Record Corporation's Record Tape Division, headed by Product Manager Harry Kelly, evidenced the growing interest in cassette recorders when it was announced that the next release would include 66 brand-new pre-recorded cassettes. The new release plus the current catalog of 141 cassettes, produced and distributed by Mercury, brings the firm's total to 207 cassettes, largest number produced by any one firm in the U.S.

The cassette release of 66 new pieces of recorded music and the resultant 207-piece catalog indicates the surging interest in cassette. Mercury's total 8-track catalog, including 10 newcomers, now totals 162, while Merc's 4-track catalog, including 8 new releases, now total 144.

Synonyms are useful when you can't remember how to spell the work you want. Too bad there are no synonyms for facts.

# The Editor Speaks

## Burnings Lose Earnings

Fire is temperamental.

In industry, it melts metal, aids research, serves in hundreds of ways to improve our jobs and help us produce quality. Or, it can turn a modern, efficient plant into a giant blob of black and twisted girders. It is a great ally of unemployment.

At home, fire can create a noisy, friendly pot of coffee. Or, it can roar up a stairwell and sear the air in our lungs.

Fire can turn a fragrant, beckoning mountainside of trees into a barren, eroded mass of charcoal and black stumps.

Abused, it can turn a lighted cigaret into an instrument of death.

Use fire with an awareness of the dangers it holds. To keep it as a friend, observe the "ground rules" of basic fire prevention.

Americans across the country will observe Fire Prevention Week, October 8-14. Now is a good time for all of us to inspect our work areas to be sure fire safety is being enforced. Let's observe Fire Prevention Week every week. One small fire could result in the loss of many jobs as well as many lives.



**Robert Paddock**

Bob assumed the duties of Machine Shop Foreman on September 5. He was in a similar position with Moto Mower for nine years but had been employed by M & D Store Fixtures in Cambridge City, Indiana, for two years prior to joining Mercury. His wife's name is Juanita and they have three children. Home is Greensfork, Indiana. Bob is shown here on the right discussing a machining problem with Steve Dozza.

He who would find a friend without faults will be without friends.



**David Steed**

Fills the vacancy of Design Engineer created by the promotion of Ken Hilgefort to Engineering Manager. He graduated from Purdue in 1964 with a BS in Electrical Engineering and was with Duncan Electric Co. of Lafayette, Indiana, before joining Mercury September 13. Dave, his wife Deanna, and two children are living in New Madison, Ohio



**David DeArmond**

Began with mercury on August 22 as Album Foreman on second shift. He was self-employed for the past seven years and spent two years in the Marine Corps. Dave and his wife Joan have one child and are residing at R.R. 2, New Paris, Ohio.

Do you ever wonder why you wake tired in the morning? Statistically speaking: The average person moves every fifteen minutes in his sleep. Thus a 150 lb. person would move four times an hour, a total of 600 lbs. in an hour. In an eight-hour night he would move 4,800 lbs.

## HOLIDAY PROPOSAL

The idea of uniform Monday Holidays is not new. For a number of years, there have been proposals of one form or another to change the dates of certain nonreligious holidays so they will occur regularly and uniformly on Mondays. The objective is to create additional three-day weekends like Labor Day. No new holidays would be established.

One of the latest attempts to bring this plan to fruition is the bill, S.1217, introduced in the Senate by George Smathers (D-Fla.)

The Smathers bill proposes five changes:

**Washington's Birthday** - (Feb. 22)--to third Monday in February, and designated Presidents' Day in honor of all presidents.

**Memorial Day** (May 30) --to last Monday in May.

**Independence Day** (July 4) --to last Monday in July.

**Veterans Day** (Nov. 11) --to last Monday in October.

**Thanksgiving Day** --from fourth Thursday to fourth Monday in November.

The bill has been referred to the Senate Judiciary Committee, whose subcommittee on Federal Charters, Holidays and Celebrations is currently hearing testimony on S. 1217.

The following article is an excerpt of a statement made in favor of the bill, before this subcommittee by James C. Gross, executive director of the National Association of Travel Organizations (NATO).



Miss Peggy Jean Hudson, daughter of Mr. and Mrs. Stanley Hudson of Brownsville, became the bride of Joseph Patrick Floyd, also of Brownsville, in a ceremony Saturday, September 9, at 1:30 P.M. in the Brownsville Methodist Church.

## HOW PHONOGRAPH RECORDS ARE MADE

(Taken From Awake Magazine)

A century ago it was a rare treat to hear beautiful orchestra music. The only way one could do so was to go within earshot of where an orchestra was playing. But the American inventor Thomas Edison, and those who followed him, changed that. In 1877 he patented a machine that recorded sound on a cylinder of tinfoil. In 1887 the inventor Berliner succeeded in doing the same on a waxlike flat disc.

In time there was developed the seventy-eight-revolution-per-minute record, which could produce four and a half minutes of music on a twelve-inch disc. Then in 1948 the microgroove disc was developed, on which as much as a half hour of music could be recorded on a twelve-inch disc running at 33 1/3 revolutions per minute. A few years later came "high fidelity," a great improvement in recording sound and, still more recently, stereophonic recording has come to the fore, adding even more realism to sound reproduction.

Modern recording is truly something at which to wonder. All the beauty and variety and range of many human voices, as well as of a large symphony orchestra, are captured on a tiny groove of a disc.

The desired music or program is first recorded on tape, which is profusely edited, "doctored." In the recording studios the music is transferred from the tapes to lacquer-covered aluminum discs by means of a special record-cutting machine. The lacquer disc must be free from defects to the millionth of an inch and, while seemingly hard, it has to be tough and comparatively soft. This is so that the tiny strip of lacquer that is cut out in making the groove and which is called the "chip," can be sucked away through a tube in one continuous thread. Were what is gouged or cut out to crumble and fall about the groove it would ruin the groove.

The stylus which cuts the groove is made of ruby gem. Its point is but .0002 of an inch wide and it is heated to give smooth walls to the groove and to facilitate the cutting of it. The stem of the stylus must be exceedingly strong so as not to bend in any way while it is cutting the groove, as the particular angle of the stylus is also very important. The program of sound to be recorded is transferred from the master tape

through amplifiers to the cutting head, where it is converted into mechanical vibrations. These vibrations are said to "modulate" the stylus, causing the groove to take a wavy pattern according to the frequency and volume of the sound variations applied to it. These sound vibrations transferred to the walls of the groove may vary as little as a millionth of an inch. The louder the music, the wider the excursions of the stylus and the more wavy the groove; and the higher the frequencies, the more rapidly it moves back and forth. It follows that the louder the music, the more area on the record the groove requires, and so the less music that can be put on the record. Thus with very loud music as few as 130 grooves can be cut in a radial inch, whereas with very soft music as many as 390 can be cut.

To save space on the record the cutting machine has a "pre-head" that picks up the music about two seconds early and advises the machine of the volume it is about to record. This information enables the machine to automatically vary the spacing between the grooves to match the volume of the sound, giving more space for loud passages and less spacing for soft ones. Because of this device it is possible to put Beethoven's Fifth Symphony, a half hour in length, on one side of a record, as it has comparatively few very loud passages. Usually from twenty to twenty-five minutes of music can be recorded on one long-playing record, although a noisy rock-and-roll might have but fifteen minutes.

While this lacquer-covered disc or "lacquer master" is being cut it is being inspected all the time by the operator by means of a microscope, and after the recording is completed it is again thoroughly inspected. Then it is sent to the pressing plant.

After passing thorough inspection, its surface is sprayed with chemicals, leaving a coating of silver, which is a very good conductor of electricity. The silvered disc is now given a "flash" coating of nickel to protect its silver coating and is then placed in an electroplating tank, where it is plated with solid nickel.

After about three hours the lacquer master is taken out of the tank, and the nickel coating, now a disc itself, is removed by hand from the lacquer master. This nickel coating is known as the "metal master" or "male"

disc and has ridges where the lacquer master has grooves. This metal master could be used to stamp records but it is not. Why not? Because only from seven hundred to one thousand records could be stamped from such a disc and only two or three can be made from a lacquer master. To wear out metal masters stamping records would require the cutting of many lacquer masters---a time-consuming and costly process. So what is done?

Instead of using the metal master to stamp records, it is used to make still further discs by the same electroplating process that it was made. These discs are termed the "female" or "mother" discs. It is possible to make six of these "mothers" from each metal master. But since these are in reverse they could not be used to stamp records, but they are used to make still further discs, which can be used and which are termed "stamper", since it is they that are used to stamp out the records; and it is possible to make twelve such "stamper" from one "mother". The result is that, instead of just one or two metal masters made from one lacquer master, there can be 72 to 144 "stamper", and so, instead of only seven hundred to one thousand records being stamped for each lacquer master cut, there can be from 36,000 to 72,000 records stamped.

As with all its predecessors, the "stamper" is thoroughly examined to make sure it is of the right thickness. It is then trimmed and otherwise prepared for fitting into the stamping machine.

In the stamping room one operator runs two presses. The "stamper" discs are put in place, also the labels, and then an exactly measured amount of vinyl (a synthetic product once derived from coal tar but now from crude petroleum) is placed in the center of the lower disc and the record is stamped. The presses exert a pressure of one ton per square inch and are heated to 300 degrees Fahrenheit. As soon as the disc has been pressed the machine is cooled to 100 degrees; in the meantime the operator feeds the other press.

While the record is still quite warm it is removed from the press and put in the trimmer, where the excess vinyl is cut off and the edges finished. A sample of the finished product is played by the testers for any audio flaws and thereafter are periodically checked.

# JUNIOR ACHIEVEMENT

By Jerry Haynes



Advisors Gerald Sharp, Jerry Haynes, Bill Eilar and Bill Marietta, plus Pres. John Slavich are up to their necks in matches which they hope Japroco will sell.

"Do you have a match?" This question is taking on a new meaning around the company lately. This year, as with the last year, Mercury Record Mfg. Co. is sponsoring a Junior Achievement Company.

One of our products are matches with a name or message printed on it. This, with napkins and coasters, will be the main product. These items can be personalized with your name in two lines. The matches come in a choice of three colors: black, white, or red. The napkins are white only, but with a gold or silver border.

The Junior Achievement Company name is JAPROCO. They're having enough trouble remembering how to pronounce it so we will not try to explain it. All I will say is they voted for it.

Gerald Sharp, Cost Accounting Supervisor, from the Accounting Department is our Management Advisor. His main function is to counsel the senior officers of the J.A. Company. William Marietta, Shipping and Warehouse Manager, is the Production Advisor. His is the need for having the production staff having everything in right spot at the same time. Jerry Haynes, General Foreman over Shipping and Warehouse, is our Sales Advisor. This covers the answering of the question, "How do we sell it?" William Eilar, Custom Sales Manager, the fourth member of the advisor staff, being his second year, is performing in all three of the advisor areas. With the wholehearted support of Mr. Shaw and the Mercury Company these gentlemen have set their goal of having a productive J.A. Company, bringin experience and knowledge to the young men and women who make up the company.

Senior officers have been elected by Japroco. The President, John Slavich; Secretary, Jenni Gabbard; and Treasurer, Jan Schussler. The elected officers have already taken active leadership of their company.

Mercury's Junior Achievement Company is made up of young men and women from the surrounding area. Japroco, the company sponsored by Mercury Record Co., is composed of these school areas:

Richmond - Tim Carr, Jenni Gabbard, David Harkleroad, Michele Helmich, Bary Klemann, Becky Laughlin, Ronald Sheets, Ray Thomas, Jane Schussler, Rich Niersbaugh, Linda Downs, Mike White, John Peters, Dennis Burdette, John Slavich.

Centerville - Connie Carlson, Nancy Johnson.

Northeastern - Vickie Daugherty, Mona Brown, Kay Reed, Bill Coffin, Carol Brown.

Lincoln - Rick Allen, Charles Cortner, Rick Hill, Tome Keene.

If you know any of these young people, call them to order your matches. If they knock on your door, please buy one of their products.

Everyone must make his own life no matter how poor or rich his grandfather was.

Columbus did not wait for ideal conditions before setting out to discover a new world.

You may only  
need seat belts  
once.

(but which once?)

53,000 people lost their lives in traffic accidents during 1966. 35,000 were drivers or passengers in automobiles. If they had been using seat belts, at least 8,000 to 10,000 of those lives would have been saved.

Three-fourths of all traffic accidents occur within 25 miles of home.

Half of all injury-producing accidents occur at impact speeds of 40 m.p.h. or less.

Your chance of survival is five times greater if you stay inside the car. Thousands of deaths and serious injuries are caused by being thrown from the car ... being dragged or run over by another vehicle ... or being run over by your own vehicle.

A seat belt can help keep you from being knocked unconscious ... your chance of escaping if the car catches on fire or goes into water is multiplied hundreds of times.

Only 20 percent of all serious accidents in a convertible involve a rollover. In the other 80 percent, belts would prevent ejection.

Seat belts can help prevent the second collision ... being thrown around inside the vehicle.

More than half of all passenger car occupants are now provided with seat belts ... BUT they are using those belts only about half of the time.

Even this limited use, however, saved about 2,000 lives in 1966.

YOU MAY ONLY NEED SEAT BELTS ONCE  
.....BUT WHICH ONCE?.....



*John Slavich, President of Japroco, shows Lloyd Shaw, Director of Manufacturing, where to sign for his purchase of stock. Clarence France, on the left, and Bill Montgomery look on and were also purchasers of stock.*

## ALBUMS

Anna Tuttle and Bobby Hubble celebrated their birthdays September 20. Alene Begley's birthday is October 30.

Art Cross's daughter will celebrate her first birthday on October 26.

Jim Jewitt's second wedding anniversary is October 23.

Jack Starn has left Mercury for a tour in the U.S. Navy. He will take his basic training at Great Lakes, Illinois. He was a stock boy in the Albums Department

Beverly Kidder, daughter of Mildred Locke, was married September 29 to Tom George of Williamsburg, Indiana.

## SHIPPING

We welcome to our department: Mavis Bishop, Peggy Petty, Richard K. Shadle, Shirley Jett, Juanita Lawson, Marcia Shafer, Betty Boldrey, Johnny Jones, Clede Hubbard and Betty Huber.

Marlene Anderson is back to work after being off with a broken leg.

Betty Boldrey will remember her last manicure for a long time. The bottle of nail hardener broke giving her a bad cut. Glad to have her back to work.

Myrtle Gibson at the time of this report is in the hospital.

Bob Stapleton spent his vacation catching up with his farm work.

If you want to be taken at face value-- smile!



*Philip Pace*

*Joined the Personnel Staff of Mercury on September 18 to replace Eddie Abrams who transferred to the Production Department Staff. Phil was previously in the Personnel Dept. of Bethesda Hospital of Cincinnati, Ohio, and is a veteran with service in the Air Force. He received a BA Degree from the University of Cincinnati in 1954 and an LLB from Chase College of Law in 1963. Phil and his wife Phyllis and their two children were fortunate in immediately finding a house at 27 South 23rd Street in Richmond in which to move when Phil assumed his new duties with Mercury.*

A girl can't be toohippie these days.

## INJECTION

Jo Ann Shaw has taken a 30 day sick leave. We wish her a speedy recovery.

We are glad to hear Glenna Ramey's son, Ronnie, is recovering at home after being in the hospital with pneumonia.

Lillian Sparks has a new daughter-in-law. Her son, Kenneth, was married to Regina Huenshagen on September 9 in Washington.

A farewell dinner was held at the home of Anna Hofer's sister in honor of her sister-in-law's mother who was visiting her for three months from France.

Mary Bullock vacationed in Los Angeles, California, visiting her son, James, and his family. Mary phoned Mr. Fine and talked with him. He said to tell everyone hello.

Georgia Prewitt visited her son and some friends in Detroit one week, then spent another week in Kentucky visiting relatives.

Marcella Jackson proudly says, "It's a girl." Shelley Renne arrived September 6 weighing in at seven pounds fifteen ounces.

Marie Roszell is still on a sick leave. She spent several days in the hospital.

Mary Crowell returned to work September 25 after being off with a bad foot.

Mayme Spurgeon's son, Gary, received his discharge from Bunker Hill Air Force Base on September 15 and is now enrolled in Indiana University.

Marjorie Tousell from Tucson, Arizona, visited several departments on August 30. She is well remembered by most of the older employees.

Our sympathy is extended to Lou Potter whose father passed away August 15,

Opal Whitehead will be this department's reporter after this month and would appreciate your turning any news in to her.

## SERVICE MANAGER NAMED

CHICAGO -- Oliver Tyler, veteran of 12 years in the electronics repair field, has been named national service manager for Mercury Record Corporation's Home Entertainment Products Division. Based in Long Island City, N.Y., Tyler will oversee the service function of both phonographs and cassette recorders in the Mercury line.

Many are wise; others are otherwise.

## CAMERA & PRINTING

Riley Baylor has returned after a weeks hunting in Canada which he says was a wonderful trip. There were six in the group and they went as far as possible in cars and then had to go the last thirty six miles by boat to the island they hunted on, which was Portage Bay. The group had 3 Indian Guides. Besides guiding them in hunting they also did the cooking for them. The group bagged 6 Deer, 1 Bear and many Grouse. Riley was one of the lucky ones to get a Deer.

Junk...something you keep for ten years and then throw away two weeks before you need it.

## LABELS

On the recovery list: Florence Watson and Ruth Hudson's husband, Stan, both underwent surgery at Reid Hospital on September 21, That's real togetherness.

Virginia Adam's son, Butch, is showing some great sports ability at Centerville High this season.

Ruby Ward was recently presented with a new grandson. Proud Grandma is entertaining him at her home at the present.

Anniversaries: Sharon Sletvett, October 9.

The trouble with most modern novels is that the covers are too far apart.

## ACCOUNTING

We wish to congratulate Gordon Arnold and his family, of their new arrival of a baby boy, Douglas G. Arnold and Gerald Sharp and his family on their new arrival, a little girl, Pamela.

Accounting wishes to express their deepest sympathy to Leslie Corn's family.

We also wish Larry Harris a speedy recovery from a recent accident. He is the husband of Barbara Harris here in accounting, and a one time employee of Mercury Records.

Congratulations and Best Wishes to Martha Harman who was recently married to Richard Bean, who is now serving a tour of duty in the army. We also congratulate Cathy Meyer who was recently married to Frazier Fulton.

We wish Gale Johnson good luck in her new position. She was transferred from engineering.

Your reporter enjoyed a weeks vacation in the Great Smokey Mountains and thereabouts. The only thing I can say is that it just didn't last long enough.

Every time a team makes a touchdown, there is still another point to go. And the team doesn't give up after seven points.

## COMPRESSION

Birthdays: Mary Holmes October 10, Hazel Smith October 1, Carol Karns October 10.

October Anniversary: Ruby Alsip.

Doris Collett's son-in-law, Terry Bryant returned home from Vietnam October 5 after serving one year overseas. He will spend 30 days with his wife and relatives before returning to base.

Hazel Smith recently visited her daughter, Brenda, in Alexander, Virginia.

Richard Wheeler took his vacation October 2 to spend some time with his son who had just returned from Vietnam. He has spent several years overseas.

Tom Stevens recently left the company for other employment.

Joyce Tipton and her husband recently purchased a new home in the Riley Hill Area.

Anna Allen and her husband, Ray, are making good progress in building their new home on Test Road.

Myrtle Hensley also has a happy look in her eyes since her husband, Bob, purchased a new home on East Main Street.

We welcome Nannie Teague to second shift Testing Department and Daisy Smith to second shift Compression.

Here is something that will help all of us to be a little bit better.

Take 2 heaping cups of patience;  
1 heartful of love;  
2 handfuls of generosity;  
Dash of laughter;  
1 headful of understanding;  
Sprinkle generously with kindness;  
Add plenty of faith and mix well.  
Spread over a period of a lifetime  
And serve everybody you meet.

## DJ DEPT.

Basil Baldwin is now working in DJ Dept., he formerly worked in Shipping Dept.

Marjorie Woods has returned to IU after working in DJ this summer.

Jerry Tanner son of Naomi Tanner has returned to Berrien Springs University in Mich. for his second year of college

Patsy Ripberger reports that her brother Paul has returned from a deer hunting trip to Medicine Bow, Wyoming where he got a deer.

John Henry son of Sara Henry and Bill Patterson, brother of Carolyn Patterson, are regulars on the Cambridge City B football team. They also dress for all the A team games.



**CHICAGO** -- Setting a pattern as one of the hottest new acts of the year with their initial hit, "Sunday Will Never Be the Same," Mercury's Spanky and Our Gang continue the pace with their followup single and the release of a deluxe album, both meeting with unprecedented response.

The single, "Making Every Minute Count," was unanimously picked by the music trade papers and received across the board reaction from virtually every major radio station. It already is high on the play lists of many top 40 stations and listings have already been received on the disc. Mercury Product Manager Alan Mink reports two hundred thousand copies shipped in seven days time and reorders bristling.